



Name : .....

Roll No. : .....

Invigilator's Signature : .....

**CS/HM/SEM-4/BHM-402/2010  
2010**

**SUPPORT & UTILITY SERVICES – I**

Time Allotted : 3 Hours

Full Marks : 70

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers in their own words as far as practicable.*

**GROUP – A**

**( Multiple Choice Type Questions )**

1. Choose the correct alternatives for the following :

10 × 1 = 10

- i) AERB guidelines is used for
  - a) X-ray imaging
  - b) MRI imaging
  - c) Ultrasound imaging
  - d) all of these.
- ii) The capacity of laundry as per Indian standard is
  - a) 3 – 5 kgs/bed/day
  - b) 10 kgs/bed/day
  - c) 6 – 9 kgs/bed/day
  - d) none of these.
- iii) The direct costs of food and food services generally constitute ..... per cent of total hospital operating costs.
  - a) 5 – 10
  - b) 10 – 15
  - c) 25
  - d) 23 – 35.



- iv) The minimum linen and uniforms required to meet the daily demand is known as
- a) linen stock
  - b) buffer stock
  - c) minimum stock holding
  - d) par stock.
- v) A 'calender' machine is used to
- a) squeeze out water from the washed articles
  - b) press or iron large articles
  - c) disinfect the articles
  - d) fold articles.
- vi) In the microwave irradiation process, the frequency of the microwave is
- a) about 2050 MHz
  - b) about 2450 MHz
  - c) about 1570 MHz
  - d) about 1000 MHz.
- vii) Nosocomial infection develops in patients after more than
- a) 48 hours of hospitalization
  - b) 72 hours of hospitalization
  - c) 12 hours of hospitalization
  - d) 24 hours of hospitalization.
- viii) NHPD stands for
- a) Number of Hospitalization Per Day
  - b) Nursing Hours Per Day
  - c) National Health Policy Determination
  - d) none of these.



- ix) Rubber and plastic item should be sterilized by
- Autoclave sterilizer
  - Ethylene oxide sterilization
  - Microwave irradiation
  - Dry oven sterilization.
- x) The machine used for sterilization is called
- centrifuge
  - incubator
  - autoclave
  - incenaration.

**GROUP – B**

**( Short Answer Type Questions )**

Write short notes on any *three* from the following.

$$3 \times 5 = 15$$

- Laundry process and equipment.
- Par Stock.
- Code Blue.
- Types of Hospital diet.
- Nosocomial Infection.

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**GROUP – C**

**( Long Answer Type Questions )**

Answer any *three* of the following.  $3 \times 15 = 45$

7. Describe the management of blood bank with special reference to storage of blood, planning and staffing.
8. Give an overview about the importance of Security services. Discuss about the methods of control.
9. Discuss the organizational and operational planning of a Hospital diet services.
10. Define Nursing services. Outline the function of Nursing services. Describe the concept of ward management in relation to nursing care.
11. What is maintenance management ? State the types of maintenance required in a hospital. What are the policies and procedures of this department ?

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